

OIL ANALYSIS REPORT

VOLVO PENTA

POWERS FUL VOLVO PENTA 3950008165 - PORT IPS

Sample No: VPA046435

Oil Type: VOLVO PENTA GL-5 SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA046435	---	---	---
Sample Date	25 Aug 2023	---	---	---
Machine Hours	216	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	NORMAL	---	---	---

OIL CONDITION

Visc @ 40°C	cSt	■ 94.4	---	---	---
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CONTAMINATION

Silicon	ppm	■ 8	---	---	---
Sodium	ppm	■ 9	---	---	---
Potassium	ppm	■ 14	---	---	---

WEAR METALS

PQ		■ 23	---	---	---
Iron	ppm	■ 67	---	---	---
Copper	ppm	■ 7	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 3	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ 0	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	■ 0	---	---	---
Silver	ppm	■ 0	---	---	---
Manganese	ppm	■ 6	---	---	---
Vanadium	ppm	■ 0	---	---	---

ADDITIVES

Calcium	ppm	■ 59	---	---	---
Magnesium	ppm	■ 950	---	---	---
Zinc	ppm	■ 6	---	---	---
Phosphorus	ppm	■ 1682	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 664	---	---	---

Marine International Diesels Inc.

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DAVIE, FL
US 33314
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Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: VP694356
Unique No: 10628611
Signed: Don Baldrige
Report Date: 31 Aug 2023

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GRAPHS

